INDEX TO VOLUME 11

A

Abbott, Osler A. (with Carter, B. Noland, and Hanlon, C. Rollins). Experimental study of tubes made from greater curvature of stomach, 494

Ackman, Douglas (with Vineberg, Arthur M., and Aronovitch, Michael). Thoracoplasty in bilateral pulmonary tuberculosis, 95

Adams, Ralph (with Dufault, Paul). Surgery in pulmonary tuberculosis; study of collapse therapy, with special reference to thoracoplasty, based upon results of thirteen years, 43

Alexander, John. Discussion of surgical and pulmonary tuberculosis, 103
discussion of treatment of endobronchial tuberculosis, 324
(with Sommer, George N. J., and Ehler, Adrian A.). Effect of thoracoplasty upon pulmonary tuberculosis complicated by stenotic tuberculous bronchitis; incidental remarks on pneumonectomy and lobectomy, 308

Allbritten, Frank F., Jr. (with Flick, John B., and Gibbon, John H., Jr.). Use of sulfanilamide in partial and total resection of lung, 187

Allen, Irene (with Skinner, George F., and MacPherson, Lachlan). Thoracoplasty for tuberculosis, 54

American Association for Thoracic Surgery
list of members, 235
list of officers, 234
Presidential Address (Gurd), 1
Rose Lampert Graff Prize, 234, 468
twenty-fifth annual meeting, 234, 468

Anesthesia, respiratory obstruction from bronchiolar constriction during cyclopropane (Rovenstine and Phelps), 565

Anesthesias, with special consideration of possible applications to transpleural surgery; major changes in fundamental relationships of respiratory drive mechanisms during evipal and pentothal (Moyer), 131

Aronovitch, Michael (with Vineberg, Arthur, M., and Ackman, Douglas). Thoracoplasty in bilateral pulmonary tuberculosis, 95

Atelectasis and bronchiectasis (Tannenberg and Pinner), 571

Auerbach, Oscar. Anatomic changes in lungs following thoracoplasty; study of 134 autopsy cases, 21

Aufses, Arthur H. Results in ninety consecutive thoracoplasties for pulmonary tuberculosis, 98

B

Bailey, Charles P. Extraperiosteal pneumonolysis in pulmonary tuberculosis, 326

Berry, Frank B. Discussion of pulmonary function after pneumonectomy in children, 551

Bigger, I. A. Discussion of chronic nontuberculous empyema, 183
discussion of esophagus symposium, 514

Blades, Brian (with Kent, Edward M.). Experimental observations upon certain intracranial complications of particular interest to the thoracic surgeon, 434

Bogen, Emil. Discussion of rest and collapse in pulmonary tuberculosis, 123

Bonilla, J. Lopez, Jr. (with Cid, J. M.). Giant cell tumor of trachea, 210

Brock, William (with Brown, A. Lincoln). Method of treatment of large pulmonary air cysts (balloon cysts) by endocutaneous flap, 617

Bronchiectasis, atelectasis and (Tannenberg and Pinner), 571

Bronchiolar constriction during cyclopropane anesthesia, respiratory obstruction from (Rovenstine and Phelps), 565

Bronchitis, effect of thoracoplasty upon pulmonary tuberculosis complicated by stenotic tuberculous (Alexander, Sommer, and Ehler), 308

Bronchospirography; III. Functional capacity of normal lungs, severely damaged lungs, lungs with strictly parenchymal lesions, thoracoplasty lungs, and re-expanded pneumothorax lungs (Pinner, Leiner, and Zavod), 241
ventilation and oxygen absorption of normal and diseased lungs during nitrogen respiration in the opposite lung (Wright and Woodruff), 278

Bronchus, metastatic carcinoma of lung invading and obstructing (Raine), 216
Brown, A. Lincoln (with Brock, William). Method of treatment of large pulmonary air cysts (balloon cysts) by endocutaneous flap, 617
Burford, Thomas H. (with Graham, Evarts A.). Local use of sulfanilamide in pleural cavity, 203
Burnett, W. E. Discussion of method of treatment of large pulmonary air cysts (balloon cysts) by endocutaneous flap, 630
Butler, Ethan Flagg. Discussion of carcinoma of the lung, 420
discussion of tuberculosis symposium, 321

C

Cadden, A. V. (with Salkin, David). Rest and collapse in pulmonary tuberculosis, 109
new classification of pulmonary tuberculosis, 126
Cancer of lung, with special reference to surgical implications of circumscribed variety, a topographic classification of (Neuhof, Rabin, and Sarot), 388
thoracic esophagus and upper end of stomach (Stephens), 469
Carcinoma, experiences with eight cases of resection of esophagus (Phemister), 484
of lung invading and obstructing bronchus, metastatic (Raine), 216
pneumonectomy for (Harrington), 396
significance of metastasis in primary (Ochsner and DeBakey), 357
resection of esophagus (Wu and Loucks), 516
Carlucci, G. A. (with Schleussner, R. C.). Primary (?) melanoma of lung, 643
Carr, Duane. Discussion of chronic nontuberculous empyema, 184
Carter, B. Noland (with Abbott, Osler A., and Hanlon, C. Rollins). Experimental study of tubes made from greater curvature of stomach, 494
Chamberlain, J. Maxwell (with Gordon, Joseph). Treatment of endobronchial tuberculosis; a review of 100 cases, 292
Cherry, Homer H. Prevention of tissue emphysema following closed pneumonolysis, 451
Chondrosarcoma arising from chest wall and extending into thorax and abdomen, huge (Harper), 446
Churchill, Edward D. Discussion of esophagus symposium, 511
discussion of major changes in fundamental relationships of respiratory drive mechanisms during evipal and pentothal anesthesias, with special consideration of possible applications to transpleural surgery, 150
discussion of pulmonary abscess, 464
discussion of symposium on carcinoma of lung, 419
Cid, J. M. (with Bonilla, J. Lopez, Jr.). Giant cell tumor of trachea, 210
Cole, Dean B. Discussion of method of treatment of large pulmonary air cysts (balloon cysts) by an endocutaneous flap, 634
discussion of surgical and pulmonary tuberculosis, 104
Collapse therapy, with special reference to thoracoplasty based upon the results of thirteen years, a study of (Adams and Dufault), 43
Condon, William B. Regeneration of tracheal and bronchial epithelium, 333
Cournand, Andre (with Lester, Charles W., and Riley, R. L.). Pulmonary function after pneumonectomy in children, 529
Crecca, Anthony D. Discussion of extraperiosteal pneumonolysis in pulmonary tuberculosis, 329
(with Dieffenbach, Richard H.). Analysis of 100 consecutive cases of thoracoplasty with no operative mortality, 65
Crellin, J. Antrim. Discussion of extraperiosteal pneumonolysis in pulmonary tuberculosis, 328
Crimm, Paul D. Laryngoscopic and bronchoscopic ultraviolet lights for treatment of tuberculosis of respiratory tract, 467
Cysts (balloon) large pulmonary air, method of treatment of, by endocutaneous flap (Brown and Brock), 617

D

Davidson, Louis R. Discussion of surgical and pulmonary tuberculosis, 107
Davis, Edgar W. Discussion of method of treatment of large pulmonary air cysts (balloon cysts) by endocutaneous flap, 635
Day, J. C. (with Tuttle, Wm. M., O'Brien, E. J., and Phillips, F. J.). Tuberculous stenosis of major bronchi, 299
DeBakey, Michael (with Ochsner, Alton). Significance of metastasis in primary carcinoma of lungs, 357

Decker, Harry R. Discussion of surgical and pulmonary tuberculosis, 105
Devices for thoracic service, useful (Oatway and Gale), 650
Diaphragmatic hernia with penetrating ulcer of herniated stomach (Frank and Hamilton), 219
Dieffenbach, Richard H. Discussion of chronic nontuberculous empyema, 184
discussion of symposium on surgical and pulmonary tuberculosis, 107
(with Crecca, Anthony D.). Analysis of 100 consecutive cases of thoracoplasty with no operative mortality, 65
Dolley, Frank S. Discussion of treatment of endobronchial tuberculosis and effect of thoracoplasty upon pulmonary tuberculosis complicated by stenotic tuberculous bronchitis, 323
Douglass, Richmond. Discussion of method of treatment of large pulmonary air cysts (balloon cysts) by endocutaneous flap, 636
Dufault, Paul (with Adams, Ralph). Surgery in pulmonary tuberculosis; study of collapse therapy with special reference to thoracoplasty based upon results of thirteen years, 43

E

Eggers, Carl. Discussion of chronic nontuberculous empyema, 183
discussion of esophagus symposium, 509
discussion of pulmonary abscess, 464
Ehler, Adrian A. (with Alexander, John, and Sommer, George N. J.). Effect of thoracoplasty upon pulmonary tuberculosis complicated by stenotic tuberculous bronchitis, 308
Eloesser, Leo. Discussion of effect of thoracoplasty upon pulmonary tuberculosis complicated by stenotic tuberculous bronchitis, 324
discussion of pulmonary abscess, 465
discussion of treatment of endobronchial tuberculosis, 324
Emphysema following closed pneumonolysis, prevention of tissue (Cherry), 451
Empyema, chronic nontuberculous (Singleton and Moore), 169
Endocutaneous flap, a method of treatment of large pulmonary air cysts (balloon cysts) (Brown and Brock), 617
Epithelium, regeneration of tracheal and bronchial (Condon), 333
Esophagus and upper end of stomach, cancer of thoracic (Stephens), 469
for carcinoma, experiences with eight cases of resection of (Phemister), 484
resection of (Wu and Loucks), 516

F

Farber, Jason E. Unexpandable lungs, 424
Finney, George G. Analysis of 104 cases of thoracoplasty for pulmonary tuberculosis, 76
Flick, John B. (with Allbritten, Frank F., Jr., and Gibbon, John H., Jr.). Use of sulfanilamide in partial and total resection of lungs, 187
Frank, L. Wallace (with Hamilton, Joseph E.). Diaphragmatic hernia with penetrating ulcer of herniated stomach, 219

G

Gale, Joseph W. Discussion of extraperiosteal pneumonolysis in pulmonary tuberculosis (Bailey), 329
(with W. H. Oatway, Jr.). Useful devices for a thoracic service, 650
Gibbon, John H., Jr. (with Allbritten, Frank F., Jr., and Flick, John B.). Use of sulfanilamide in partial and total resection of lung, 187
Gordon, Joseph (with Chamberlain, J. Maxwell). Treatment of endobronchial tuberculosis; a review of 100 cases, 292
Graff Prize, 131
Graham, Evarts A. Discussion of carcinoma of lung, 413
discussion of use of sulfanilamide in partial and total resection of lung, 195
(with Burford, Thomas H.). Local use of sulfanilamide in pleural cavity, 203
(with Kent, E. M.). Experimental observations on use of drugs of sulfonamide group in pleural space, 198
Gurd, Fraser B. Discussion of chronic nontuberculous empyema, 182, 185
(Presidential address). Pulmonary abscess; specific method of treatment applicable to both acute and chronic lesions, 1

H

Haight, Cameron. Discussion of a method of treatment of large pulmonary air cysts (balloon cysts) by endocutaneous flap, 630

Hamilton, Joseph E. (with Frank, L. Wallace). Diaphragmatic hernia with penetrating ulcer of herniated stomach, 219

Hanlon, C. Rollins. Discussion of esophagus symposium, 515

(with Carter, B. Noland, and Abbott, Osler A.). Experimental study of tubes made from greater curvature of stomach, 494

Harken, Dwight E. Experiments in intracardiac surgery, I. Bacterial endocarditis, 656

Harper, Fred R. Huge chondrosarcoma arising from chest wall and extending into thorax and abdomen, 336

Harrington, Stuart W. Discussion of symposium on cancer of lung, 423

pneumonectomy for carcinoma of lung, 396

Hayes, John N. Discussion of rest and collapse in pulmonary tuberculosis, 124

I

Intracardiac surgery, experiments in (Harken), 656

Intracranial complications of particular interest to thoracic surgeon, experimental observations upon certain (Kent and Blades), 434

J

Janes, Robert M. Discussion of carcinoma of lung, 421

Jeffers, William A. (with Johnson, Julian, and Margolies, Alexander). Technique of ligation of patent ductus arteriosus, 347

Johns, Frank S. Discussion on symposium on surgical and pulmonary tuberculosis, 105

Johnson, Julian (with Jeffers, Wm. A., and Margolies, Alexander). Technique of ligation of patent ductus arteriosus, 347

K

Kent, Edward M. (with Blades, Brian). Experimental observations upon certain intracranial complications of particular interest to thoracic surgeon, 434

(with Graham, Evarts A.). Experimental observations on use of drugs of sulfonamide group in pleural space, 198

Keys, Ancel (with Paine, John R., and Lynn, David). Observations on effects of prolonged administration of high oxygen concentration to dogs, 151

L

Leiner, George (with Pinner, Max, and Zavod, Wm. A.). Bronchospirography; functional capacity of normal lungs, severely damaged lungs, lungs with strictly parenchymal lesions, thoracoplasty lungs, and re-expanded pneumothorax lungs, 241

Lester, Charles W. (with Cournand, Andre, and Riley, R. L.). Pulmonary function after pneumonectomy in children, 529

Ligation of patent ductus arteriosus, the technique of (Johnson, Jeffers, and Margolies), 347

Lilienthal, Howard. Discussion of chronic nontuberculous empyema, 185

discussion of surgical and pulmonary tuberculosis, 104

Lockwood, Ambrose L. Surgery of chest in war, 637

Loucks, H. H. (with Wu, Y. K.). Resection of esophagus for carcinoma, 516

Lung function, studies of individual (Whitehead, O'Brien, and Tuttle), 266

pneumonectomy for carcinoma of (Harrington), 396

primary melanoma of (Carlucci and Schleussner), 643

use of sulfanilamide in partial and total resection of (Allbritten, Flick, and Gibbon), 187

with special reference to surgical implications of circumscribed variety; a topographic classification of cancer of (Neuhof, Rabin, and Sarot), 388

Lungs following thoracoplasty, anatomic changes in the study of 134 autopsy cases (Auerbach), 21

significance of metastasis in primary carcinoma of (Ochsner and DeBakey), 357

unexpandable (Farber), 424

collapsed by pneumothorax for variable periods of time, a study concerning clinical and anatomic features of re-expanded (Potter), 554

Lynn, David (with Paine, John R., and Keys, Ancel). Observations on effects of prolonged administration of high oxygen concentration to dogs, 151

M

MacPherson, Lachlan (with Skinner, George F., and Allen, Irene). Thoracoplasty for tuberculosis, 54

Maier, Herbert C. Discussion of bronchospirography, 288

Margolies, Alexander (with Johnson, Julian, and Jeffers, Wm. A.). Technique of ligation of patent ductus arteriosus, 347

Meade, Richard H., Jr. Discussion of extraperiosteal pneumonolysis in pulmonary tuberculosis, 330
discussion of use of sulfanilamide in partial and total resection of lung, 196

Melanoma of the lung, primary (?) (Carlucci and Schleussner), 643

Meltzer, Herbert. Bilateral surgical collapse of pulmonary tuberculosis, 227
results of thoracoplasty, 84

Metastasis in primary carcinoma of lungs, significance of metastasis in primary (Ochsner and DeBakey), 357

Meyer, Herbert Willy. Discussion of esophagus symposium, 512

Moore, Richmond L. Discussion of pulmonary abscess, 464

Moore, Robert M. (with Singleton, Albert O.). Chronic nontuberculous empyema, 169

Moyer, C. A. Major changes in fundamental relationships of respiratory drive mechanisms during evipal and pentothal anesthesias, with special consideration of possible applications to transpleural surgery, 131

N

Neuhof, Harold. Discussion of carcinoma of lung, 423
discussion of pulmonary abscess, 463
(with Rabin, Coleman B., and Sarot, Irving A.). Topographic classification of cancer of lung, with special reference to surgical implications of circumscribed variety, 388

O

Oatway, W. H., Jr. (with Gale, J. W.). Useful devices for a thoracic service, 650

O'Brien, E. J. Discussion of bronchospirography and lung function, 289
discussion of pulmonary function after pneumonectomy in children, 551

O'Brien—Cont'd
discussion of symposium on tuberculosis, 321
(with Day, J. C., Tuttle, Wm. M., and Phillips, F. J.). Tuberculous stenosis of major bronchi, 299
(with Whitehead, Walter K., and Tuttle, Wm. M.). Studies of individual lung function; an open circuit procedure with air and low oxygen mixtures as the inspired gases, 266

Ochsner, Alton. Discussion of esophagus symposium, 513
discussion of symposium on cancer of lung, 422
(with DeBakey, Michael). Significance of metastasis in primary carcinoma of lungs, 357

Overholt, Richard H. Discussion on carcinoma of lung, 417
discussion on surgical and pulmonary tuberculosis, 106

Oxygen concentration to dogs, high, observations on effects of prolonged administration (Paine, Lynn, and Keys), 151

P

Paine, John R. (with Lynn, David, and Keys, Ancel). Observations on effects of prolonged administration of high oxygen concentration to dogs, 151

Patent ductus arteriosus, technique of ligation (Johnson, Jeffers, and Margolies), 347

Phelps, McKinnie L. (with Rovenstine, E. A.). Respiratory obstruction from bronchiolar constriction during cyclopropane anesthesia, 565

Phemister, Dallas B. Discussion of esophagus symposium, 515
experiences with eight cases of resection of esophagus for carcinoma, 484

Phillips, F. J. (with Tuttle, Wm. M., O'Brien, E. J., and Day, J. C.). Tuberculous stenosis of major bronchi, 299

Pinner, Max. Discussion of bronchospirography, 288
discussion of rest and collapse in pulmonary tuberculosis, 124
discussion of use of sulfanilamide in partial and total resection of lung, 196
(with Leiner, George, and Zavod, Wm. A.). Bronchospirography; functional capacity of normal lungs, severely damaged lungs, lungs with strictly parenchymal lesions, thoracoplasty lungs, and re-expanded pneumothorax lungs, 241

Pinner—Cont'd
(with Tannenberg, Joseph). Atelectasis and bronchiectasis; an experimental study concerning their relationship, 571
Pleural cavity, local use of sulfanilamide in (Burford and Graham), 203
space, experimental observations on use of drugs of sulfonamide group in (Kent and Graham), 198
Pneumonectomy, experiences with total (Shenstone), 405
for carcinoma of lung (Harrington), 396
in children, pulmonary function after (Lester, Cournand, and Riley), 529
Pneumonolysis in pulmonary tuberculosis, extraperiosteal (Bailey), 326
prevention of tissue emphysema following closed (Cherry), 451
Pneumothorax for variable periods of time, a study concerning clinical and anatomic features of re-expanded lungs which had been collapsed by (Potter), 554
Potter, B. P. Study concerning clinical and anatomic features of re-expanded lungs which had been collapsed by pneumothorax for variable periods of time, 554
Pulmonary abscess (Shaw), 453
specific method of treatment applicable to both acute and chronic lesions (Gurd), 1
air cysts (balloon cysts) by an endocutaneous flap, method of treatment of large (Brown and Brock), 617
function after pneumonectomy in children (Lester, Cournand, and Riley), 529
tuberculosis, analysis of 104 cases of thoracoplasty for (Finney), 76
complicated by stenotic tuberculous bronchitis, effect of thoracoplasty upon (Alexander, Sommer, and Ehler), 308
extraperiosteal pneumonolysis in (Bailey), 326
new classification of (Salkin and Cadden), 126
rest and collapse in (Salkin and Cadden), 109
results in ninety consecutive thoracoplasties for (Aufses), 98
surgery in (Adams and Dufault), 43
thoracoplasty in bilateral (Vineberg, Ackman, and Aronovitch), 95

R

Rabin, Coleman B. (with Neuhof, Harold, and Sarot, Irving A.). A topographic classification of cancer of lungs with special reference to surgical implications of circumscribed variety, 388
Raine, Forrester. Metastatic carcinoma of lung invading and obstructing bronchus, 216
Respiratory drive mechanisms during evipal and pentothal anesthesias, with special consideration of possible applications to transpleural surgery, major changes in the fundamental relationships of (Moyer), 131
Rienhoff, William F., Jr. Discussion of symposium on carcinoma of lung, 415
Riley, R. L. Discussion of pulmonary function after pneumonectomy in children, 553
(with Lester, Charles W., and Cournand, Andre). Pulmonary function after pneumonectomy in children, 529
Rovenstine, E. A. (with Phelps, McKinnie L.). Respiratory obstruction from bronchiolar constriction during cyclopropane anesthesia, 565

S

Salkin, David (with Cadden, A. V.). Rest and collapse in pulmonary tuberculosis, 109
new classification of pulmonary tuberculosis, 126
Sarot, Irving A. (with Neuhof, Harold, and Rabin, Coleman B.). Topographic classification of cancer of lungs with special reference to surgical implications of circumscribed variety, 388
Schleussner, R. C. (with Carlucci, G. A.). Primary (?) melanoma of lung, 643
Shaw, Robert R. Pulmonary abscess, 453
Shenstone, Norman S. Discussion of symposium on cancer of lung, 423
experiences with total pneumonectomy, 405
Singleton, Albert O. (with Moore, Robert M.). Chronic nontuberculous empyema, 169
Skinner, George F. (with MacPherson, Lachlan, and Allen, Irene). Thoracoplasty for tuberculosis, 54

Sommer, George N. J. (with Alexander, John, and Ehler, Adrian A.). Effect of thoracoplasty upon pulmonary tuberculosis complicated by stenotic tuberculous bronchitis, 308

Stephens, H. Brodie. Cancer of thoracic esophagus and upper end of stomach, 469
discussion of esophagus symposium, 514

Stomach, experimental study of tubes made from greater curvature of (Carter, Abbott, and Hanlon), 494
upper end of, and cancer of thoracic esophagus (Stephens), 469

Sulfanilamide in partial and total resection of lung, use of (Allbritten, Flick, and Gibbon), 187
in pleural cavity, local use of (Burford and Graham), 203

Sulfonamide group in pleural space, experimental observations on use of drugs of (Kent and Graham), 198

Surgery, experiments in intracardiac; I. Bacterial endocarditis (Harken), 656
of chest in war (Lockwood), 637

T

Tannenberg, Joseph. Discussion of observations on effects of prolonged administration of high oxygen concentration to dogs (Paine, Lynn, and Keys), 168
(with Pinner, Max). Atelectasis and bronchiectasis; an experimental study concerning their relationship, 571

Thompson, Samuel A. Discussion of bronchospirography, 287

Thoracic service, useful devices for (Oatway, Jr. and Gale), 650

Thoracoplasty, anatomic changes in lungs following (Auerbach), 21
based upon results of thirteen years, study of collapse therapy, with special reference to (Adams and Dufault), 43
for pulmonary tuberculosis, analysis of 104 cases (Finney), 76
for tuberculosis (Skinner, MacPherson, and Allen), 54
in bilateral pulmonary tuberculosis (Vineberg, Ackman, and Aronovitch), 95
results of (Meltzer), 84
upon pulmonary tuberculosis complicated by stenotic tuberculous bronchitis, effect of (Alexander, Sommer, and Ehler), 308
with no operative mortality, analysis of 100 consecutive cases of (Dieffenbach and Crecca), 65

Thoracoplasties for pulmonary tuberculosis, results in ninety consecutive (Aufses), 98

Trachea, giant cell tumor of (Cid and Bonilla), 211

Transpleural surgery, major changes in fundamental relationships of respiratory drive mechanisms during evipal and pentothal anesthesias, with special consideration of possible applications to (Moyer), 131

Tuberculosis, endobronchial, treatment of (Chamberlain and Gordon), 292
of the respiratory tract, laryngoscopic and bronchoscopic ultraviolet lights for treatment of (Crimm), 467
pulmonary, analysis of 104 cases of thoracoplasty for (Finney), 76
a new classification of (Salkin and Cadden), 126
bilateral surgical collapse of (Meltzer), 227
rest and collapse in (Salkin and Cadden), 109
results in ninety consecutive thoracoplasties for (Aufses), 98
surgery in (Adams and Dufault), 43
thoracoplasty for (Skinner, MacPherson, and Allen), 54
in bilateral pulmonary (Vineberg, Ackman, and Aronovitch), 95

Tubes made from greater curvature of stomach, an experimental study of (Carter, Abbott, and Hanlon), 494

Tuttle, William M. Discussion of extraperiosteal pneumonolysis in pulmonary tuberculosis, 328
(with O'Brien, E. J., Day, J. C., and Phillips, F. J.). Tuberculous stenosis of major bronchi, 299
(with Whitehead, Walter K., and O'Brien, E. J.). Studies of individual lung function; an open circuit procedure with air and low oxygen mixtures as the inspired gases, 266

V

Vineberg, Arthur M. (with Ackman, Douglas, and Aronovitch, Michael). Thoracoplasty in bilateral pulmonary tuberculosis, 95

W

War, surgery of chest (Lockwood), 637

Whitehead, Walter K. Discussion of bronchospirography, 290

(with O'Brien, E. J., and Tuttle, Wm. M.). Studies of individual lung function; an open circuit procedure with air and low oxygen mixtures as the inspired gases, 266

Woodruff, Warriner (with Wright, George W.). Bronchospirography; ventilation and oxygen absorption of normal and diseased lungs during nitrogen respiration in opposite lung, 278

Wright, George W. (with Woodruff, Warriner). Bronchospirography; ventilation and oxygen absorption of normal and diseased lungs during nitrogen respiration in opposite lung, 278

Wu, Y. K. (with Loucks, H. H.). Resection of esophagus for carcinoma, 516

Z

Zavod, Wm. A. (with Pinner, Max, and Leiner, George). Bronchospirography; functional capacity of normal lungs, severely damaged lungs, lungs with strictly parenchymal lesions, thoracoplasty lungs, and re-expanded pneumothorax lungs, 241